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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/836,714	04/17/2001	Kunikazu Okada	4970/OJ108	7561

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EXAMINER

PESIN, BORIS M

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 06/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/836,714

Applicant(s)

OKADA, KUNIKAZU

Examiner

Boris Pesin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 03/05/2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. This communication is responsive to Amendment A, filed 3/05/2004.
2. Claims 1-7 are pending in this application. Claims 1, 3, 5, and 6 are independent claims. In the Amendment A, Claims 1, 3, 5, and 6 were amended. This action is made Final.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 102

Claims 1 and 3-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Microsoft Excel 2000 (Pivot Tables).

In regards to claim 1, Excel teaches a displaying method comprising the steps of: categorizing data according to a plurality of different hierarchical category attributes which may be present simultaneously (Figure 2, Elements 1 and 2); and displaying the category hierarchy structures of these category attributes using a plurality of tree-style views, each indicating the hierarchical structures of a category attributes, no tree being connected to or stemming from another tree (Figure 3 Element 1, Figure 4 Element 1).

In regards to claim 3, Excel teaches a display-processing device comprising: a recording section for recording data having hierarchically organized category attributes which may be present simultaneously (Figure 1, Element 1); a display section for displaying information regarding data recorded in said recording section (Figure 2); and

a processor connected to said recording section and said display section (inherent in Excel), and capable of performing the following operations; said processor performs control so that pieces of data having a plurality of different category attributes are recorded in said recording section (Figure 1); and said processor performs control so that category hierarchy structures of the plural category attributes of said data are displayed as a plurality of tree style views (Figure 3 and Figure 4), each indicating the structure of a category attribute no tree being connected to or stemming from another tree (Figure 3 and Figure 4).

In regards to claim 4, Excel teaches a display-processing device wherein said processor further performs the following operations; said processor receives a combination of category attributes each selected from among respective category as an input (Figure 3, Element 1); said processor extracts data with category attributes corresponding to the input category selections from the data recorded in said recording section (Figure 2); and said processor displays information indicating the extracted data on said display section (Figure 2).

In regards to claim 5, Excel teaches a recoding medium capable of being read by a computer, comprising recorded programs including a recording program module for causing a computer equipped with a recording section to record data with hierarchically organized category attributes which may be present simultaneously (Figure 1), and a display program module, which causes said computer to display the hierarchical structure of these category attributes s a plurality of tree style views (Figure 2), each

indicating the structure of a category attribute, no tree connected to or stemming from another tree (Figure 3 and 4).

In regards to claim 6, Excel teaches a display-processing device comprising: a recording section for recording data having hierarchically organized category attributes (Figure 1); a display section for displaying information regarding data recorded in said recording section (Figure 2); means for recording data having a plurality of different category attributes in said recording section (Figure 1); and means for displaying the hierarchical structure of these category attributes as a plurality of tree style views, each indicating the structure of a category (Figure 3 and Figure 4).

In regards to claim 7, Excel teaches a display-processing device further comprising: means for receiving a combination of category attributes each selected from among respective category as an input (Figure 3 Element 1 and Figure 4 Element 1); means for extracting data with the input combination of category attributes from the data recorded in said recording section (Figure 2); and means for displaying indicating the extracted data on said display section (Figure 2).

Claim Rejections - 35 USC § 103

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Microsoft Excel 2000 (Pivot Tables) in view of Shalit et al. (US 5714971).

In regards to claim 2, Excel teaches all the limitations of claim 1. It does not teach a method wherein the plural tree-style views are displayed, side by side. Shalit

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teaches a method wherein the tree views are displayed side by side (Figure 8). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Excel with the teachings of Shalit and include the tree style views side by side with the motivation to provide the user with more information on the screen at one time.

Response to Arguments

Applicant's arguments with respect to claims 1-7 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US006411313B1

Conlon et al.

Teaches creating pivot tables in Excel.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

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mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Boris Pesin whose telephone number is (703) 305-8774. The examiner can normally be reached on Monday-Friday except every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on (703) 308-0640. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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